

STRUCTURAL AND ACOUSTICAL PERFORMANCE FROM A SINGLE TRADE.

EXACOR
SUBFLOORING

BUILD. PROTECT. LIVE.™

What are EXACOR® panels?

EXACOR™ panels are specifically engineered with the structural, acoustical, fire-rated and dimensional stability performance needs of today's jobsite in mind. Made of magnesium oxide (MgO) and an integrated mesh core, EXACOR panels offer a smooth structural base for floor coverings. Because EXACOR panels are installed by framers, they can eliminate the need for gypsum underlayment applications, so there is no need to schedule that additional trade to complete installation.

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3/4" SUBFLOORING
INSTALL SMOOTH SIDE UP

EXACOR

SIMPLIFY CYCLE TIMES

EXACOR™ subfloor panels are fire resistant¹, high-density, structural magnesium oxide cement panels. When used as a subfloor, EXACOR panels can replace plywood and/or OSB subflooring in certain instances, and can remove the need for gypsum underlayment.



FIRE
RESISTANCE



SPEED &
EASE OF
INSTALLATION



SOUND
ABSORPTION

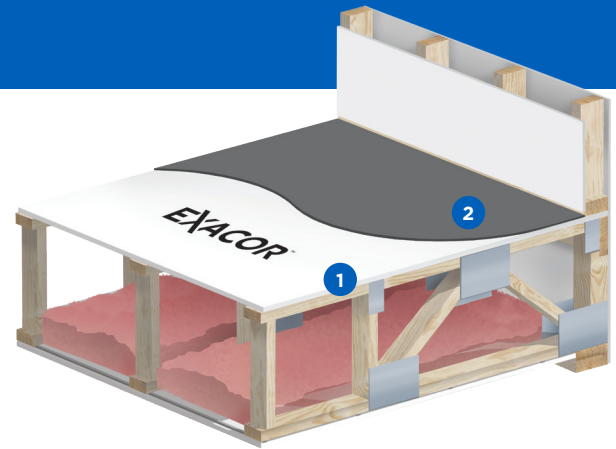
¹ EXACOR panels may be used in specific published fire-resistant-rated assemblies as tested in accordance with ASTM E119/ANSI UL 263. Follow published fire-resistance rated assembly requirements and consult local building codes and designer of record for fire-resistant design requirements.

INSTALLATION SPEED & EASE

Unlike gypsum concrete, EXACOR subfloor panels do not require the gypsum underlayment trade nor its extended cure time that can slow or halt construction progress.

A SIMPLE SOLUTION FOR SOUND CONTROL

EXACOR™ subfloor panels have been shown to achieve code minimums for STC/IIC ratings without the need for gypsum concrete, when used as a part of certain tested floor/ceiling assemblies.



1-HOUR
FIRE RATED 

**EXACOR™ MgO 1-HOUR
SUBFLOOR ASSEMBLY***

CHARACTERISTIC	TESTING CRITERIA, ASSEMBLIES & RESULTS	
Sound Attenuation	STC Rating (ASTM E90): 57-60 ²	IIC Rating (ASTM E492): 36-55 ²
Mold Resistance³	ASTM G21: 0 Mold Growth Observed Samples received an average growth rating of 0 meaning there was no observed growth on the test specimens at the completion of the fungal resistance evaluation.	
Fire-Resistance¹	ASTM E119 / UL 263 ¹ UL L501 UL L525 UL L601 UL L602 UL M500	ASTM E84 / UL 723 Flame Spread Index = 0 Smoke Developed = 0
Water Vapor Perm Rating	ASTM E96 METHOD A: ≥ 5 perms ⁴	ASTM E96 METHOD B: ≥ 13 perms ⁴

**Options to reduce layers by removing
wet gypsum underlayment**

Key:

1. EXACOR™ subflooring
2. Sound mat



READY TO SPECIFY?

Access full assembly details, requirements and code documents at **SpecifyEXACOR.com**

THICKNESS	PANEL SIZE	EDGE PROFILE	WEIGHT (LBS/SF)	PCS/UNIT
3/4" (20 mm)	4' x 8' (1219 mm x 2438 mm)	T&G	4.5	22

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2. Sound ratings vary by assembly. Refer to acoustical performance tables on exacor.com/acoustics.
3. 1/2" panels tested for mold resistance in accordance with ASTM G21. Other thicknesses have not been tested to date.
4. ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials conducted on 1/2" and 3/4" EXACOR products.

* See applicable design listing for full assembly details and requirements. View our technical documents and specs at huberwood.com/exacor/wall-sheathing#specify

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